

Vacuum Insulation Panel Market Set to Reach \$9.96 Billion by 2029

*The Business Research Company's
Vacuum Insulation Panel Global Market
Report 2025 – Market Size, Trends, And
Global Forecast 2025-2034*

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The Business
Research Company

Vacuum Insulation Panel Global Market Report 2025

What Is The Expected Cagr For The [Vacuum Insulation Panel Market](#) Through 2025?

In recent years, there has been a consistent growth observed in the vacuum insulation panel market size. It is projected to rise from \$7.92 billion in 2024 to \$8.12 billion in 2025, with a compound annual growth rate (CAGR) of 2.6%. Factors such as green building campaigns, energy efficiency rules, endeavors to lower costs, demand for industrial insulation, and market globalization are credited for the growth during the historic period.

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The market for vacuum insulation panels is predicted to undergo a substantial expansion in the forthcoming years. The market is poised to reach \$9.96 billion by 2029,

growing at a compound annual growth rate of 5.2%. Factors fuelling this projected growth include the advent of sustainable and environmentally friendly building practices, a rising demand for HVAC efficiency, growth in the aerospace and automotive sectors, urban development and increased infrastructure, and heightened awareness about climate change. In the forecast period, innovative manufacturing methodologies, tailor-made VIP solutions, the incorporation of nanotechnology, the integration of smart buildings, and hybrid insulation systems are the primary trends to be expected.

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What Are The Key Factors Driving Growth In The Vacuum Insulation Panel Market?

The vacuum insulation panel market is anticipated to flourish in response to the rising emphasis on energy efficiency. This concept signifies the optimal utilization of energy to generate the required output, while minimizing waste and curtailing energy usage. Vacuum insulation panels (VIPs), contribute substantially to energy efficiency as they're deployed in domestic and commercial refrigeration for superior thermal insulation that significantly chips away at energy use and consequently, expense. For instance, data from the U.S. Energy Information Administration in July 2024 reveals that the total energy consumed in the United States in 2023 was around 94 quadrillion British thermal units (quads), showing a 1.3% fall since 2022. This overall dip was primarily precipitated by a marked 5.5% decline in residential energy consumption and a 3.3% drop in commercial usage. Thus, the mounting emphasis on energy conservation is propelling growth in the vacuum insulation panel market.

What Are The Top Players Operating In The Vacuum Insulation Panel Market?

Major players in the Vacuum Insulation Panel include:

- Evonik Industries AG
- Panasonic Corporation
- Kevothermal LLC
- Microtherm Sentronic GmbH
- va-Q-tec AG
- OCI Company Ltd.
- Thermal Visions Inc.
- LG Hausys Ltd.
- Porextherm Dämmstoffe GmbH
- ThermoCor

What Are The Major Trends That Will Shape The Vacuum Insulation Panel Market In The Future?

In the vacuum insulation panel market, innovation stands out as a key trend. For remaining competitive in this market, it's critical to innovate the product. The increasing popularity of self-healing films is a manifestation of such innovation. Vacuum insulation panels (VIPs) possess an average thermal resistance of approximately R40/inch. During the processes of shipping and installation, their barrier film, which ensures the vacuum and thermal efficiency of the panel, can be easily ruptured. The Oak Ridge National Laboratory is presently working on designing a self-repairing barrier coating for VIPs, capable of immediately rectifying any puncture damages. This self-healing barrier coating will safeguard against vacuum loss, thereby enabling the VIPs to uphold their thermal performance.

Comprehensive Segment-Wise Insights Into The Vacuum Insulation Panel Market

The vacuum insulation panel market covered in this report is segmented –

- 1) By Type: Flat, Special Shape
- 2) By Raw Material: Silica, Fiberglass, Plastic, Metal, Other Raw Materials
- 3) By Application: Construction, Cooling and Freezing Devices, Logistics, Other Applications

Subsegments:

- 1) By Flat: Standard Flat Panels, High-Performance Flat Panels
- 2) By Special Shape: Cylindrical Panels, Corner Panels, Custom-Designed Specialty Panels

View the full vacuum insulation panel market report:

<https://www.thebusinessresearchcompany.com/report/vacuum-insulation-panel-global-market-report>

[Global Vacuum Insulation Panel Market](#) - Regional Insights

The Asian-Pacific region dominated the vacuum insulation panel market in 2024 and is projected to experience the most rapid growth in the coming years. The market report encompasses a variety of regions such as Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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Speak With Our Expert:

Saumya Sahay

Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534

Europe +44 7882 955267

Email: saumyas@tbrc.info

The Business Research Company - www.thebusinessresearchcompany.com

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Oliver Guirdham

The Business Research Company

+44 7882 955267

info@tbrc.info

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